Checking Mountain Soil Moisture Under the Snow, an important factor in snowmelt runoff.

Federal-State Cooperative Snow Surveys and Water Supply Forecasts for NEVADA

SOIL CONSERVATION SERVICE
UNITED STATES DEPARTMENT OF AGRICULTURE
AND
NEVADA STATE ENGINEER

Data included in this report were obtained by the agencies named above in cooperation with the Federal, State and local organizations listed on the last page of this report.

AS OF
APR. 1, 1956

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

TO RECIPIENTS OF COOPERATIVE SNOW SURVEY
AND WATER SUPPLY FORECAST REPORTS:

Snow surveys in the West are conducted each year at more than 1200 snow courses. Basin and Province or State snow survey reports summarizing the results of the measurements and forecasts of seasonal runoff and water supply are issued by the Soil Conservation Service, U. S. Department of Agriculture and some of its co-operators; the Water Rights Branch of the British Columbia Department of Lands and Forests; and the California Division of Water Resources.

Copies of the various federal-state cooperative snow survey reports listed below may be secured by writing to:

Head, Water Supply Forecasting Section
Soil Conservation Service
209 S. W. 5th Avenue
Portland 4, Oregon

BASIN REPORTS:

Colorado, Rio Grande, and Platte-Arkansas River Basins	Issued monthly February through May by SCS and Colorado Experiment Station, Fort Collins, Colorado.*
Columbia River Basin	Issued monthly January through May by Soil Conservation Service, Boise, Idaho.*
Upper Missouri River Basin	Issued monthly February through May by SCS and Montana Agricultural Experiment Station, Bozeman, Montana.*
West-Wide Water Supply Outlook	Issued April 1 by Soil Conservation Service and Cooperators, Portland, Oregon.

STATE REPORTS:

Arizona	Issued semi-monthly January 15 through April 1 by SCS and Salt River Valley Water Users Association, Phoenix, Arizona.*
Nevada	Issued monthly February through April by SCS and Nevada State Engineer, Reno, Nevada.*
Oregon	Issued monthly January through May by SCS, Portland, Oregon, and Oregon Agricultural Experiment Station.*
Utah	Issued monthly January through May by SCS, Salt Lake City, Utah, and State Engineer of Utah and Utah Agricultural Experiment Station.*
Washington	Issued monthly February through May by SCS, Spokane, Washington, and State Department of Conservation and Development.*
Wyoming	Issued monthly February through May by SCS, Casper, Wyoming, and State Engineer of Wyoming.*

*Special reports are issued as needed.

The British Columbia reports are issued February 1 through June 1 and may be secured from Comptroller, Water Rights Branch, Department of Lands and Forests, Parliament Buildings, Victoria, B.C.

The California reports are issued monthly February 1 through May 1 and may be secured from Division of Water Resources, California Department of Public Works, Sacramento, California.

The annual water supply forecasts of the Weather Bureau are available in monthly bulletins published from January through May. These bulletins entitled, "Water Supply Forecasts for the Western United States" may be obtained from River Forecast Center, Weather Bureau, 712 Federal Office Building, Kansas City 6, Missouri.

FEDERAL - STATE COOPERATIVE

SNOW SURVEYS AND WATER SUPPLY FORECASTS

for

N E V A D A

Report Prepared
by

Norman S. Hall, Hydraulic Engineer

Soil Conservation Service
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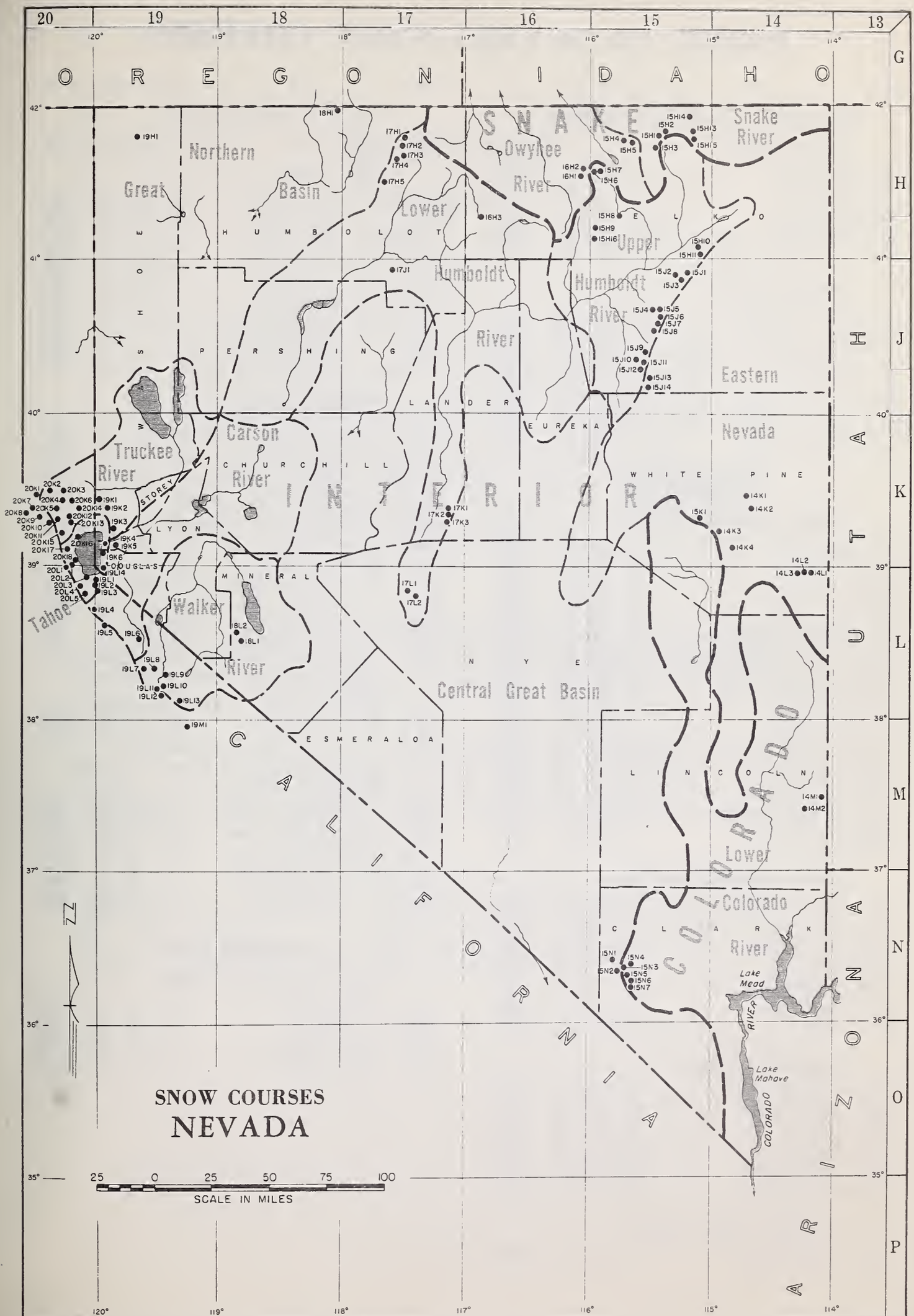
Reno, Nevada

Issued by

George Hardman
State Conservationist
Soil Conservation Service

Hugh A. Shamberger
Nevada State Engineer

April 9, 1956


SNOW COURSES
NEVADA
SCALE IN MILES
25 0 25 50 75 100
OREGON
IDAHO
CALIFORNIA
ARIZONA
Northern Great Basin
Owyhee River
Snake River
Lower Humboldt River
Upper Humboldt River
Eastern Nevada
Truckee River
Carson River
Walker River
Tahoe
Central Great Basin
Lower Colorado River
Lake Mead
Lake Mohave
COLORADO RIVER
INTERIOR
SNAKE
HUMBOLDT
WASHOE
PERSHING
LANDER
EUREKA
CHURCHILL
LYON
STOREY
MINERAL
NYE
WHITE PINE
LINCOLN
CLARK
ESMERALDA

INDEX TO NEVADA SNOW COURSES

Number	Name	Sec.	Twp.	Rge.	Elev.
SNAKE RIVER BASIN					
SNAKE RIVER					
15H 1	Bear Creek	31	46N	58E	7800
15H 2	Fox Creek	33	46N	58E	6800
15H 3	76 Creek	6	44N	58E	7100
15H 5*	Gold Creek	31	45N	56E	6600
15H 4*	Big Bend	30	45N	56E	6700
15H13	Goat Creek	31	46N	60E	8800
15H14	Pole Creek Ranger Station	13	46N	59E	8330
15H15	Hummingbird Springs	6	45N	60E	8945
OWYHEE RIVER					
17H 2*	Lower Buckskin	25	45N	39E	6700
17H 1*	Upper Buckskin	11	45N	39E	7200
17H 3*	Martin Creek	18	44N	40E	6700
17H 4*	Granite Peak	22	44N	39E	7800
15H 5	Gold Creek	31	45N	56E	6600
15H 4	Big Bend	30	45N	56E	6700
15H 7*	Fry Canyon	31	43N	54E	6700
15H 6*	Rded Flat	36	43N	53E	6800
16H 1	Lower Jack Creek	18	42N	53E	6800
16H 2	Upper Jack Creek	9	42N	53E	7250
15H 8*	Tremewan Ranch	9	39N	55E	5700
15H 9*	Taylor Canyon	35	39N	53E	6200
INTERIOR					
UPPER HUMBOLDT RIVER					
15H 1*	Bear Creek	31	46N	58E	7800
15H 2*	Fox Creek	33	46N	58E	6800
15H 3*	76 Creek	6	44N	58E	7100
15H 5*	Gold Creek	31	45N	56E	6600
15H 4*	Big Bend	30	45N	56E	6700
15H 7	Fry Canyon	31	43N	54E	6700
15H 6	Rded Flat	36	43N	53E	6800
16H 1*	Lower Jack Creek	18	42N	53E	6800
16H 2*	Upper Jack Creek	9	42N	53E	7250
15H 8	Tremewan Ranch	9	39N	55E	5700
15H 9	Taylor Canyon	35	39N	53E	6200
15H10	Lower Trout Creek	28	37N	61E	6900
15H11	Upper Trout Creek	4	36N	61E	8500
15J 1	Dorsey Basin	28	35N	60E	8100
15J 2	Ryan Ranch	1	34N	59E	5800
15J 3	Dry Creek	5	34N	60E	6500
15J 4	Lamdille #1	15	32N	58E	7100
15J 5	Lamoille #2	14	32N	58E	7300
15J 6	Lamdille #3	24	32N	58E	7700
15J 7	Lamdille #4	19	32N	59E	8000
15J 8	Lamdille #5	31	32N	59E	8700
15J 9	Green Mountain	23	29N	57E	8000
15J10	Harrison Pass #1	9	28N	57E	6600
15J11	Harrison Pass #2	16	28N	57E	7400
15J12	Corral Canyon	27	28N	57E	8500
15H16	Susie Creek	3	36N	54E	6175
LOWER HUMBOLDT RIVER					
17H 2	Lower Buckskin	25	45N	39E	6700
17H 1	Upper Buckskin	11	45N	39E	7200
17H 3	Martin Creek	18	44N	40E	6700
17H 4	Granite Peak	22	44N	39E	7800
17H 5	Lamance Creek	13	42N	38E	6000
16H 3	Midas	18	39N	46E	7200
17K 1	Big Creek Camp Ground	10	17N	43E	6600
17K 2	Big Creek Mine	23	17N	43E	7600
17K 3	Upper Big Creek	26	17N	43E	8000
17L 1	Lower Corral	12	11N	40E	7500
17L 2	Upper Corral	20	11N	41E	8500
17J 1	Golconda	22	35N	39E	6000
EASTERN NEVADA					
15J13	Cave Creek	25	27N	57E	7500
15J14	Hager Canyon	34	27N	57E	8000
14K 3	Murray Summit	25	16N	62E	7250
14L 1	Baker #1	29	13N	69E	7950
14L 2	Baker #2	30	13N	69E	9950
14L 3	Baker #3	25	13N	68E	9250
14K 2	Berry Creek	26	17N	65E	9100
14K 1	Bird Creek	34	19N	65E	7500
15K 1	Robinson Summit	34	18N	61E	7600
14K 4	Ward Mountain	25	15N	62E	7875
CENTRAL GREAT BASIN					
15N 2	Clark Canyon	8	19S	56E	9000
15N 1	Trough Springs	23	18S	55E	8500
NORTHERN GREAT BASIN					
19H 1	Bald Mountain	17	45N	21E	6720
18H 1	Disaster Peak	8	47N	34E	6500
LAKE TAHOE					
20L 4	(Cal.) Lake Lucille	28	12N	17E	8400
20L 1	(Cal.) Rubicon #1	6	13N	17E	8100
19L 3	(Cal.) Hagans Meaddw	36	12N	18E	8000
19L 2	(Cal.) Freel Bench	36	12N	18E	7300
20K17	(Cal.) Ward Creek	21	15N	16E	7000
19L 1	(Cal.) Upper Truckee	21	12N	18E	6400
20K16	(Cal.) Tahde City	6	15N	17E	6250
20L 2	(Cal.) Rubicon #2	6	13N	17E	7500
20K18	(Cal.) Rubicon#3	32	14N	17E	6700
20L 3	(Cal.) Richardsons #2	6	12N	18E	6500
20L 5	(Cal.) Echo Summit	6	11N	18E	7500
19K 4	Marlette Lake	13	15N	18E	8000
19L14	Daggetts Pass	19	13N	19E	7350
19K 6	Glenbrook #2	13	14N	18E	6900
19K 2*	Mt. Rose	7	17N	19E	9000
TRUCKEE RIVER					
20K 5	(Cal.) Independence Lake	9	18N	15E	8450
20K 1*	(Cal.) Webber Peak	30	19N	14E	8000
20K10*	(Cal.) Donner Summit	25	17N	14E	6900
20K17*	(Cal.) Ward Creek	21	15N	16E	7000
20K 2	(Cal.) Webber Lake	20	19N	14E	7000
20K 6	(Cal.) Sage Hen Creek	7	18N	16E	6500
20K16*	(Cal.) Tahde City	6	15N	17E	6250
20K13	(Cal.) Truckee #2	22	17N	16E	6400
20K 3	(Cal.) Independence Creek	14	19N	15E	6500
20K14	(Cal.) Boca #2	28	18N	17E	5900
20K 8*	(Cal.) Furnace Flat	10	17N	13E	6600
20K 7*	(Cal.) Fordyce Lake	34	18N	13E	6500
20K 9*	(Cal.) Soda Springs	23	17N	14E	6750
20K 4	(Cal.) Independence Camp	34	19N	15E	7000
19K 2	Mt. Rose	7	17N	19E	9000
20K12	(Cal.) Truckee Ranger Sta.	10	17N	16E	6000
20K11	(Cal.) Donner Lake	14	17N	15E	5950
19K 1	Big Meadows	15	18N	18E	8800
19K 3	Little Valley	17	16N	19E	6300
20K15	(Cal.) Squaw Valley	6	15N	16E	7500
CARSON RIVER					
19L 4	(Cal.) Carson Pass	22	10N	18E	8600
19L 6	(Cal.) Poison Flat	25	8N	21E	7900
19L 5	(Cal.) Blue Lakes	30	9N	19E	8000
19K 5	Clear Creek	16	14N	19E	7300
WALKER RIVER					
19L12	(Cal.) Center Mountain	4	3N	23E	9400
19L 7	(Cal.) Sonora Pass	1	5N	21E	8800
19L11	(Cal.) Buckeye Forks	20	4N	23E	8500
19L13	(Cal.) Virgina Lakes	5	2N	25E	9500
19L 9	(Cal.) Willow Flat	21	5N	23E	8250
19L10	(Cal.) Buckeye Roughs	15	4N	23E	7900
19L 8	(Cal.) Leavitt Meadows	4	5N	22E	7200
19M 1*	(Cal.) Tioga Pass	30	1N	25E	9900
18L 1	Lapon Meadow	36	8N	28E	9000
18L 2	Mt. Grant	23	8N	28E	9000
COLORADO					
LOWER COLORADO RIVER					
15N 6	Rainbow Canyon	31	19S	57E	7800
15N 5	Kyle Canyon	26	19S	56E	8200
15N 4	Lee Canyon #1	10	19S	56E	8300
15N 3	Lee Canyon #2	9	19S	56E	9000
15N 7	Rainbow Canyon #2	6	20S	57E	8100
14M 1	Mathew Canyon	11	5S	70E	6000
14M 2	Pine Canyon	11	6S	69E	6200

* Located on adjacent watershed

WATER SUPPLY OUTLOOK

FOR NEVADA

April 1, 1956

* *
*Irrigation season water supplies in Nevada ranges *
*from good on the eastern slope of the Sierras and *
*along the Humboldt to very poor in the southern *
*portion. Snow fed streams along the Sierras are *
*forecasted to flow from 25 to 30 percent above *
*normal and near normal along the Humboldt and *
*northern Nevada. Snow stored water in the Spring *
*Mountains near Las Vegas is only 34 percent of the *
*April 1, 1938-52 15 year average. *
* *

During the past month snow stored water has decreased at nearly every snow course measured. Low elevation snow has disappeared. Mountain soils are not frozen and are well saturated for the coming runoff season.

According to the U. S. Geological Survey streamflow on the major rivers has been above normal throughout the winter. In lower valley areas ground water levels are starting toward normal levels although on upper tributary flood plains no significant ground water recovery has been recorded as yet.

April 1 storage in 7 important reservoirs was 60 percent of capacity or 93 percent of the April 1, 1938-52 15 year average. Rye Patch Reservoir on the Humboldt River stored 40 percent of the April 1 average. Lake Mead is still at the lowest elevation since it passed this mark while filling in 1937.

NEVADA STREAMFLOW FORECASTS - APRIL 1, 1956

The following summarized runoff forecasts are based principally on mountain snow cover and on the assumption that precipitation and temperature during the forecast period will be near average. Appreciable deviations from normal of temperature and/or precipitation during the forecast period will correspondingly modify these forecasts.

Forecast Stream	April-July, Streamflow Thousands Acre Feet Forecast 1956	15-yr.Ave. 1938-52	1956 as % 15-yr. Av.	Measured Runoff 1955	1954
Owyhee River nr. Gold Creek Nevada[1]	25	28	89	5	4
Owyhee River nr. Owyhee, Nev.[1]	80	88	91	29	18
Lamoille Creek nr. Lamoille, Nev.	31	30	103	16	15
So. Fk. Humboldt nr. Elko, Nev.	90	84	107	28	22
Humboldt River at Palisade, Nev.	320	249	128	47	29
Martin Creek nr. Paradise, Nev.	16	18	89	7	4
East Walker Nr. Bridgeport,Cal.[2]	110	73	151	27	32
West Walker nr. Coleville, Cal.	210	160	131	110	112
East Carson nr. Gardnerville, Nev.	250	195	128	122	141
West Carson at Woodfords, Cal.	70	55	127	39	38
Carson River nr. Carson City, Nev.	311	192	162	91	120
Carson River at Ft. Churchill, Nev.	250	189	132	76	106
Little Truckee River above Boca, California[5]	120	80	150	49	40
Truckee River at Farad, Cal.[3,5]	350	279	125	162	149
Lake Tahoe Rise[4,5]	1.9	1.6	119	0.9	0.8
Salmon Falls Creek nr. San Jacinto, Nevada	90* 88**	92 88	99 100	41 40	30 28

1. Corrected for storage in Wild Horse Reservoir.
2. For period April through August corrected for storage in Bridgeport Reservoir.
3. Exclusive of Tahoe and corrected for storage in Boca Reservoir.
4. Maximum rise, in feet, from April 1, assuming gates closed.
5. Forecast issued by Truckee Basin Water Committee which is composed of Truckee-Carson Irrigation District, Sierra Pacific Power Company and Washoe County Water Conservation District.

* Forecast period of March-September.

** Forecast period of March-July.

STREAMFLOW FORECASTS APRIL 1, 1956

Snake River Basin in Nevada

Water stored in the snow pack on this mountain watershed is nearly normal. Salmon Falls Creek near San Jacinto is forecast to flow 90,000 acre feet or 100 percent of normal for the March-September period and 88,000 acre feet or 99 percent of normal for the March-July period.

The Owyhee River near Gold Creek, corrected for change in storage of Wild Horse Reservoir, is forecast to flow 25,000 acre feet or 89 percent of normal through the April-July period. Further downstream, the Owyhee River at Owyhee, Nevada, for the same period and corrected for change in storage, the forecast is 80,000 acre feet or 91 percent of normal. Wild Horse Reservoir with a capacity of 33,000 acre feet, stored 10,000 acre feet on April 1.

Upper Humboldt River

Snow stored water on the northern feeds measures 89 percent of the 15 year 1938-52 average. Southern feeders have snow stored water at 98 percent of average. Watershed soils are well primed to produce maximum runoff from the snow. Low elevation snow has disappeared. In the Ruby Mountains, seven snow courses above 8,000 feet measured 114 percent of average.

Lamoille Creek will flow 31,000 acre feet or 107 percent of the 1938-52 15 year average. On the South Fork of the Humboldt near Elko the April through July forecast is 90,000 acre feet or 107 percent of the 15 year average. On the main Humboldt River at Palisade the April-July flow will be 320,000 acre feet or 128 percent of average. Ground water levels in the upper tributary valleys are below average but in the main valley flood plain, the ground water level is above average.

Lower Humboldt River

In the Santa Rosa Mountains the snow stored water was measured at 90 percent of the 15 year average. April-July flow of Martin Creek near Paradise will be 16,000 acre feet or 89 percent of average.

Rye Patch Reservoir impounded 40,000 acre feet which is 40 percent of the 15 year average or 22 percent of capacity.

Eastern Nevada

Snow surveys indicated near normal snow pack at higher elevations. Lower elevation snow has been depleted. A storm since surveys were taken has improved the water and range conditions slightly.

Lower Colorado River in Nevada

The Lower Colorado River in Nevada has been deficient in precipitation all winter. Snow courses measured in the Spring Mountains near the first of April indicate no low elevation snow and the remaining high elevation snow to be only 34 percent of the 1938-52 15 year average. Pine and Mathew Canyons, tributaries to Meadow Valley Wash are bare of snow. Ground water recharging from this year's snow pack will be insignificant. The Bureau of Reclamation reports usable storage of Lake Mead to be 10,720,000 acre feet. This is the lowest level since this mark was passed while filling in 1937.

Central Great Basin

Two snow courses on the western slopes of the Spring Mountains were measured at only 8 percent of the 15 year average and a trace. Recharge of ground water here from snow water will be deficient again this year.

Northern Great Basin

The Bald Mountain snow course on the Sheldon Antelope Refuge measured 82 percent of the 15 year average. The Disaster Peak course, east of McDermitt, measured 101 percent of the 15 year average.

Walker River

Snow courses on the East Walker watershed measured 144 percent of the 15 year average while the West Walker snow water content was 124 percent of the same average.

The April through August forecast of the East Walker near Bridgeport, corrected for change in storage of the Bridgeport Reservoir, will be 110,000 acre feet or 151 percent of the 1938-52 15 year average. The West Walker near Coleville, California will flow 210,000 acre feet or 131 percent of the 15 year average.

Storage in Bridgeport Reservoir on April 1 was 35,000 acre feet or normal for the 15 year average. Water stored in Topaz Reservoir was 52,000 acre feet or 118 percent of the 15 year average.

Carson Basin

Snow stored water on this Sierra watershed measured 120 percent of the 1938-52 15 year average. Mountain soils are well primed to produce maximum runoff from the winters accumulated snow pack.

The East Carson River near Gardnerville will flow 250,000 acre feet or 128 percent of the 15 year average during the April-July period. It is anticipated that the flow of the East Carson will drop below 200 cubic feet per second near the first day of August. This is assuming normal temperature and precipitation throughout the runoff period. The West Carson near Coleville, California will flow 210,000 acre feet or 131 percent of the 15 year average.

Downstream the Carson River at Carson City will flow, during the April-July period, at 311,000 acre feet or 162 percent of the 15 year average. At Fort Churchill the flow of the Carson River will be 250,000 acre feet or 132 percent of the 15 year average.

Truckee-Tahoe Basin

The Truckee Basin Water Committee reports that the water content of the snow in the Truckee-Tahoe watershed varies from a maximum of 160 percent of normal on the high elevations to a minimum of 45 percent on the low elevations. The flow of the Truckee River at Farad, exclusive of Tahoe releases and assuming no storage on the river system is forecast, to be 350,000 acre feet or 125 percent of the April through July normal. On April 1 the storage on Boca Reservoir amounted to 10,700 acre feet. The April through July forecast on the Little Truckee River above Boca is 120,000 acre feet or 125 percent of normal. These forecasts are based on the assumption of normal weather conditions throughout the forecast period.

On April 1 the elevation of Lake Tahoe was 6227.01 feet above sea level. The forecast this year is for a rise of 1.9 feet or 125 percent of normal. This rise from April 1 to high water assuming the outlet gates are kept closed would bring the elevation of the Lake to 6228.9

STATUS OF RESERVOIR STORAGE

APRIL 1, 1956

BASIN AND STREAM	RESERVOIR	USABLE CAPACITY (Thous. A.F.)	USABLE STORAGE - 1000 ACRE FEET			
			1956	1955	1954	15-yr. Ave. 1938-52
Owyhee	Wild Horse	33	10	3	20	14
Lower Humboldt	Rye Patch	178	40	11	96	100
Colorado	Mohave	1,810	1,718	1,755	1,785	New Reservoir*
Colorado	Mead	27,217	10,720	11,558	15,701	18,153
Tahoe	Tahoe	732	481	361	602	446
Truckee	Boca	41	11	1	6	13
Carson	Lahontan	286	197	191	270	233
West Walker	Topaz	59	52	22	50	44
East Walker	Bridgeport	42	35	21	41	35

*Storage began in 1950.

NEVADA SNOW SURVEYS APRIL 1, 1956

DRAINAGE BASIN and SNOW COURSE	No.	Elev.	SNOW COVER MEASUREMENTS 1956 Date of Survey	Snow Depth (In.)	Water Content (In.)	Past Record Water Content (In.) 1955	1954	1938-52 Avg.	Prior Yrs. of Record
SNAKE RIVER									
Bear Creek	15H1	7800	3/30	56	23.1	17.2	12.1	21.9	13
*Big Bend	15H4	6700	3/27	34	12.5	6.5	4.9	10.3	28
Fox Creek	15H2	6800	3/30	18	6.8	8.3	5.9	8.8**	19
Goat Creek	15H13	8800	3/29	63	25.3	14.0	-	-	1
*Gold Creek	15H5	6600	3/27	16	5.8	4.8	2.0	7.0**	16
Hummingbird Sprgs.	15H15	8945	3/29	72	29.5	17.2	-	-	1
Pole Creek Ranger Station	15H14	8330	3/29	62	23.7	16.8	-	-	1
76 Creek	15H3	7100	3/26	36	11.8	9.9	9.4	13.0	7
OWYHEE RIVER									
*Bear Creek	15H1	7800	3/30	56	23.1	17.2	12.1	21.9	13
Big Bend	15H4	6700	3/27	34	12.5	6.5	4.9	10.3	28
*Disaster Peak	18H1	6500	3/31	44	17.4	6.5	3.2	17.2	7
*Fox Creek	15H2	6800	3/30	18	6.8	8.3	5.9	8.8**	19
Fry Canyon	15H7	6700	3/27	20	7.2	6.8	3.0	10.2**	15
Gold Creek	15H5	6600	3/27	16	5.8	4.8	2.0	7.0**	16
*Granite Peak	17H4	7800	4/2	35	14.5	6.7	6.3	11.8**	15
*Lower Buckskin	17H2	6700	3/27	25	8.4	6.7	4.8	8.7	14
Lower Jack Creek	16H1	6800	3/28	0	0	4.0	1.4	2.7**	21
*Martin Creek	17H3	6700	4/2	24	9.1	4.9	4.9	8.2	14
*Midas	16H3	7200	3/29	0	0	-	0	2.1	11
Rodeo Flat	15H6	6800	3/27	17	6.1	6.7	3.9	10.9**	15
*76 Creek	15H3	7100	3/26	36	11.9	9.9	9.4	13.0	7
Taylor Canyon	15H9	6200	3/28	15	6.1	3.3	3.6	4.2**	15
*Tremewan Ranch	15H8	5700	3/27	0	0	0	0	1.0	14
*Upper Buckskin	17H1	7200	3/27	12	4.0	8.8	3.2	10.5**	19
Upper Jack Creek	16H2	7250	3/28	17	6.4	9.1	6.4	11.4**	15
UPPER HUMBOLDT									
*Bear Creek	15H1	7800	3/30	56	23.1	17.2	12.1	21.9	13
*Big Bend	15H4	6700	3/27	34	12.5	6.5	4.9	10.3	28
Corral Canyon	15J12	8500	4/2	63	23.2	14.3	17.5	20.1	12
Dorsey Basin	15J1	8100	4/1	56	14.6	15.4	9.2	16.4	14
Dry Creek	15J3	6500	3/31	6	2.2	3.8	1.6	4.8	14
*Fox Creek	15H2	6800	3/30	18	6.8	8.3	5.9	8.8**	19
Fry Canyon	15H7	6700	3/27	20	7.2	6.8	3.0	10.2**	15
*Gold Creek	15H5	6600	3/27	16	5.8	4.8	2.0	7.0**	16

*Located on adjacent drainage

**Average is for less than the 15 years of record in the 1938-52 period.

NEVADA SNOW SURVEYS APRIL 1, 1956

DRAINAGE BASIN and SNOW COURSE	No.	Elev.	SNOW COVER MEASUREMENTS 1956 Date of Survey	Snow Depth (In.)	Water Content (In.)	Past Record Water Content (In.) 1955	1954	1938-52 Avg.	Prior Yrs. of Record
UPPER HUMBOLDT (Con't.)									
Green Mountain	15J9	8000	3/30	42	16.3	10.6	10.1	14.0	12
Harrison Pass #1	16J10	6600	3/30	T	T	1.6	3.3	4.2**	19
Harrison Pass #2	15J11	7400	3/30	T	T	3.7	3.8	5.7	14
Lamoille #1	15J4	7100	3/29	29	11.6	8.5	9.9	9.9**	23
Lamoille #2	15J5	7200	3/29	26	10.3	6.0	8.3	10.6**	26
Lamoille #3	15J6	7700	3/29	40	14.7	8.8	10.4	14.2**	20
Lamoille #4	15J7	8000	3/29	60	23.4	12.6	15.5	20.0	14
Lamoille #5	15J8	8700	3/29	85	35.9	18.1	24.1	28.4**	17
*Lower Jack Creek	16H1	6800	3/28	0	0	4.0	1.4	2.7**	21
Lower Trout Creek	15H10	6900	4/2	8	1.7	2.6	1.8	3.4	10
Rodeo Flat	15H6	6800	3/27	17	6.1	6.7	3.9	10.9**	15
Ryan Ranch	15J2	5800	3/31	3	1.0	0	0	1.3	14
Susie Creek	15H16	6175	3/28	0	0	New Course		-	0
*76 Creek	15H3	7100	3/26	36	11.9	9.9	9.4	13.0	7
*Taylor Canyon	15H9	6200	3/28	15	6.1	3.3	3.6	4.2**	15
Tremewan Ranch	15H8	5700	3/27	0	0	0	0	1.0	14
*Upper Jack Creek	16H2	7250	3/28	17	6.4	9.1	6.4	11.4**	15
Upper Trout Creek	15H11	8500	4/2	89	35.8	14.8	16.7	29.4	10
LOWER HUMBOLDT									
Big Creek Camp Ground	17K1	6600	3/30	0	0	0	2.0	2.1	14
Big Creek Mine	17K2	7600	3/30	0	0	3.5	-	4.0	12
Golconda	17J1	6000	3/29	0	0	-	-	-	0
Granite Peak	17H4	7800	4/2	35	14.5	6.7	6.3	11.8**	15
Lamance Creek	17H5	6000	3/28	22	8.2	7.0	0	9.8	11
Lower Buckskin	17H2	6700	3/27	25	8.4	6.7	4.8	8.7	14
Lower Corral	17L1	7500	3/30	0	0	0	3.6	1.7	13
Martin Creek	17H3	6700	4/2	24	9.1	4.9	4.9	8.2	14
Midas	16H3	7200	3/29	0	0	-	0	2.1	11
Upper Big Creek	17K3	7800	3/30	10	4.0	8.8	-	8.9	12
Upper Buckskin	17H1	7200	3/27	12	4.0	8.8	3.2	10.5**	19
Upper Corral	17L2	8000	3/30	T	T	1.4	4.3	5.0	13
EASTERN NEVADA									
Baker #1	14L1	7950	3/28	15	5.5	6.0	10.8	6.7	14
Baker #2	14L2	8950	3/28	52	21.1	17.6	19.9	18.8	14
Baker #3	14L3	9250	3/28	52	21.1	18.4	23.8	20.6	14
Berry Creek	14K2	9100	3/27	48	17.9	15.8	17.6	18.5	8
Bird Creek	14K1	7500	3/27	T	T	4.2	4.6	5.1	8
Cave Creek	15J13	7500	4/3	29	12.2	-	10.2	16.5	14

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NEVADA SNOW SURVEYS APRIL 1, 1956

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EASTERN NEVADA (Cont.)									
Hager Canyon	15J14	8000	4/3	60	25.5	-	13.0	21.6	14
Murray Summit	14K3	7250	3/29	0	0	4.2	4.5	3.4**	18
Robinson Summit	15K1	7600	3/29	0	0	0	2.9	4.7	6
Ward Mountain	14K4	7875	3/29	12	4.6	New Course		-	0
LOWER COLORADO RIVER									
Kyle Canyon	15N5	8200	3/28	4	1.8	7.5	14.7	11.4	14
Lee Canyon #1	15N4	8300	3/28	2	1.5	5.8	14.3	10.4**	15
Lee Canyon #2	15N3	9000	3/29	8	2.9	6.6	14.8	12.0	14
Mathew Canyon	14M1	6000	4/1	0	0	0	0.9	0.9	7
Pine Canyon	14M2	6200	4/1	0	0	0	1.7	1.6	7
Rainbow Canyon #1	15N6	7800	3/28	16	6.7	9.6	18.8	13.3**	15
Rainbow Canyon #2	15N7	8100	3/28	27	11.4	12.0	23.4	16.8	9
CENTRAL GREAT BASIN									
Clark Canyon	15N2	9000	3/29	2	0.8	6.1	12.8	9.8	11
Trough Springs	15N1	8500	3/30	T	T	3.9	11.0	7.0	10
NORTHERN GREAT BASIN									
Bald Mountain	19H1	6720	3/29	7	2.8	4.0	1.4	3.4**	16
Disaster Peak	18H1	6500	3/31	44	17.4	6.5	3.2	17.2	7
TAHOE									
Daggetts Pass	19L14	7350	3/28	27	11.4	5.4	8.0	14.1	39
Echo Summit	20L5	7500	3/30	108	51.4	26.5	30.8	41.3**	16
Freel Bench	19L2	7300	4/3	23	10.2	6.7	9.1	11.6	26
Glenbrook #2	19K6	6900	3/28	46	17.9	10.0	14.1	15.5	14
Hagans Meadow	19L3	8000	4/3	46	21.9	12.2	15.2	19.7	38
Lake Lucille	20L4	8400	4/1	180	83.0	47.8	46.9	64.5	42
Marlette Lake	19K4	8000	4/2	69	31.5	19.4	17.6	25.2	39
*Mt. Rose	19K2	9000	3/30	100	49.0	26.2	26.8	36.4	46
Richardsons #2	20L3	6500	3/29	47	19.2	11.6	16.4	18.6	12
Rubicon #1	20L1	8100	4/3	163	73.4	37.4	45.8	48.0	40
Rubicon #2	20L2	7500	4/3	90	40.8	22.5	24.0	31.6	37
Rubicon #3	20K18	6700	4/3	62	24.9	15.6	19.9	21.8**	15
Tahoe City	20K16	6250	4/5	17	7.8	3.8	7.2	13.6	45
Upper Truckee	19L1	6400	4/3	12	6.0	3.9	7.1	8.0	26
Ward Creek	20K17	7000	4/4	120	60.9	34.4	38.9	49.5	43

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TRUCKEE									
Boca #2	20K14	5900	4/5	8	3.5	2.7	4.1	5.8**	21
Donner Lake	20K11	5950	4/5	51	23.2	14.8	20.3	24.3	12
*Donner Summit	20K10	6900	3/29	104	50.9	30.9	35.0	42.5	45
*Fordyce Lake	20K7	6500	3/27	116	53.4	32.0	34.8	42.2	38
*Furnace Flat	20K8	6600	3/26	132	64.9	36.1	43.2	48.6	36
Independence Camp	20K4	7000	4/5	69	33.8	15.5	21.3	24.1**	15
Independenc Creek	20K3	6500	4/5	39	16.4	10.5	12.2	13.8	19
Independence Lake	20K5	8450	4/5	134	62.6	28.7	33.7	43.3	19
Little Valley	19K3	6300	4/2	8	4.1	5.3	8.1	10.4	14
Mt. Rose	19K2	9000	3/30	100	49.0	26.2	26.8	36.4	46
Sage Hen Creek	20K6	6500	4/5	58	24.2	11.2	15.1	18.9	19
*Soda Springs	20K9	6750	3/29	110	53.0	28.4	33.6	38.7	27
Squaw Valley #1	20K15	7500	4/4	173	83.0	41.3	47.7	-	3
Tahoe City	20K16	6250	4/5	17	7.8	3.8	7.2	13.6	45
Truckee #2	20K13	6400	4/6	41	17.6	8.8	13.0	14.5**	25
Truckee Ranger Station	20K12	6000	4/2	29	12.6	6.3	8.8	12.0	11
*Ward Creek	20K17	7000	4/4	120	60.9	34.4	38.9	49.5	43
*Webber Lake	20K2	7000	3/26	108	44.8	23.6	25.5	36.0	31
*Webber Peak	20K1	8000	3/26	160	76.5	34.0	42.1	45.5	34
CARSON RIVER									
*Blue Lakes	19L5	8000	3/28	106	46.8	26.4	31.9	39.8	37
Carson Pass	19L4	8600	3/27	99	47.1	27.4	32.0	37.6	26
Clear Creek	19K5	7300	4/2	41	17.2	10.3	12.9	18.1	7
Poison Flat	19L6	7900	3/30	38	19.2	9.6	17.4	16.5	14
WALKER RIVER									
Buckeye Forks	19L11	8450	3/26	73	29.8	13.7	19.9	21.2**	25
Buckeye Roughs	19L10	7800	3/26	65	31.3	12.2	18.4	22.1	33
Center Mountain	19L12	9400	3/27	117	54.9	25.7	36.2	40.3**	33
Leavitt Meadow	19L8	7200	3/29	17	8.9	-	9.1	8.5	25
Sonora Pass	19L7	8800	3/29	77	37.3	16.7	22.0	25.3	26
*Tioga Pass	19M1	9900	3/28	85	38.1	20.7	26.0	26.3**	25
Virginia Lakes	19L13	9500	3/28	60	28.8	11.6	16.8	18.3	9
Willow Flat	19L9	8250	3/28	31	13.7	7.3	10.2	11.3**	22

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Agencies Cooperating in Collecting Data Contained in this Bulletin

FEDERAL

- Soil Conservation Service
- Forest Service
- Geological Survey
- Bureau of Reclamation
- Fish and Wildlife Service
- Army
- Navy
- Air Force
- Weather Bureau

STATE

- Nevada State Engineer
- Nevada State Forester-Firewarden
- Nevada Cooperative Snow Surveys
- Colorado River Commission of Nevada
- California Cooperative Snow Surveys
- California Division of Water Resources
- Oregon Cooperative Snow Surveys

PRIVATE

- Walker River Irrigation District
- Amalgamated Sugar Company
- Owyhee Project North Board of Control
- Owyhee Project South Board of Control
- Virginia City Water Company
- Kennecott Copper Corporation
- Squaw Valley Development Company
- Pacific Gas & Electric Company
- Nevada Irrigation District
- Sierra Pacific Power Company
- Washoe County Water Conservation District
- Truckee-Carson Irrigation District
- Pershing County Water Conservation District

Federal - State - Private

COOPERATIVE SNOW SURVEYS

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Furnishes the basic data necessary for forecasting water supply for irrigation, domestic and municipal water supply, hydro-electric power generation, navigation, mining and industry

"WATER IS THE WEST'S GREATEST RESOURCE"